

## DIGITAL VIDEO CAMERA

### User manual

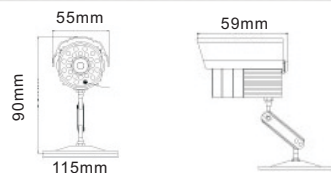
## Weatherproof IR Camera

30PCS  $\Phi$ 5MM IR LEDS



EN-SI30D Series

## Interface



## Warning & Attention



### WARNING

Please don't open camera, it's with danger of electronic shock.



#### Attention:

To reduce the danger of electronic shock, please don't open the case (or back cover) of camera; everything is on the surface of camera for user operation, please seek help from qualified professionals for repair.

### ! Attention items:

- Don't touch CCD or lens;
- Make camera away from violent attack;
- Don't use any unidentified power supply;
- Make camera lens away from strong light;
- Avoid installation in unstable places (shake, wet, high temperature, cold, etc);
- Avoid operation out of the following conditions, temperature:  $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$ , humidity: less than 85%;

## Installation



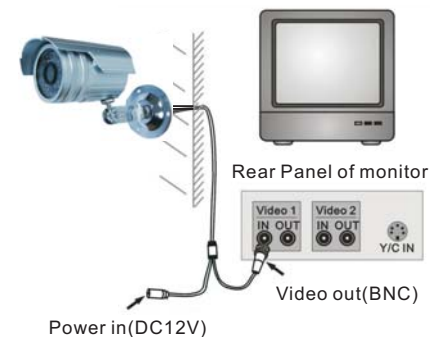
1. Fix the bracket on the wall, then fix the camera on the bracket;



2. Turn the camera to a suitable position;



3. Fasten the camera on the bracket;



4. Connect the camera to the monitor.



### Attention:

- Be sure to connect power supply after all installation completed;
- Connect GND end with ground;

## Specification

Model	EN-SI30D-38	EN-SI30D-35	EN-SI30D-32	EN-SI30D-82
Camera Device	Color super Hi-resolution camera	Color super Hi-resolution camera	Color camera	Color camera
Image Sensor	1/3" SONY SUPER HAD CCD			1/4" COLOR SHARP CCD
Effective pixels	PAL: 795(H)x596(V) NTSC: 811(H)x508(V)	PAL: 752(H)x582(V) NTSC: 768(H)x494(V)	PAL: 500(H)x582(V) NTSC: 510(H)x492(V)	
Sensor area	4.9mmX3.7mm			3.6mmX2.7mm
Signal system	PAL / NTSC			
Horizontal resolution	540TVL	480TVL	420TVL	420TVL
Minimum illumination	0 Lux (IR LED ON)			
Electronic shutter	Auto: 1/50(1/60)-1/100,000Sec			
S/N ratio	>48dB			
Gamma	0.45			
Lens	6mm (Optional 3.6mm, 4mm, 8mm)			
Video output	1.0Vp-p, 75 $\Omega$			
IR wave length	850nm			
Power supply	DC 12V $\pm$ 10%			
Power consumption	less than 3.0W			
IR distance	25M			

Specifications are subject to change without notice